

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Brian J. Caprera  
 Serial No. : 10/679,962  
 Filed : October 6, 2003  
 Title : LOW TORQUE BALL VALVE SEAT

Art Unit : 3754  
 Examiner : Unknown

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

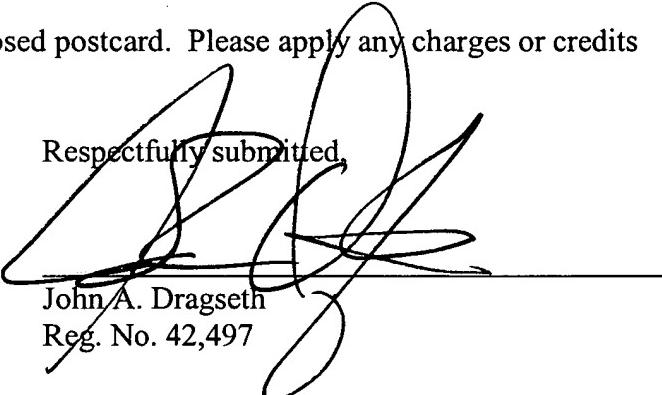
1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (1 page);
3. Copies of Cited References (2 references); and
4. A Return Postcard.

Please date stamp and return the enclosed postcard. Please apply any charges or credits to Deposit Account No. 06-1050.

Date: 4-6-04

Fish & Richardson P.C., P.A.  
 60 South Sixth Street  
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60207549.doc

Respectfully submitted,  
  
 John A. Dragseth  
 Reg. No. 42,497

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

April 6, 2004

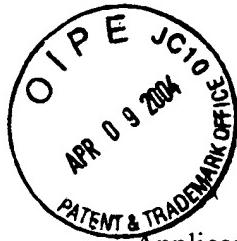
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Signature

Lisa M. Becker

Typed or Printed Name of Person Signing Certificate



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INFORMATION DISCLOSURE STATEMENT

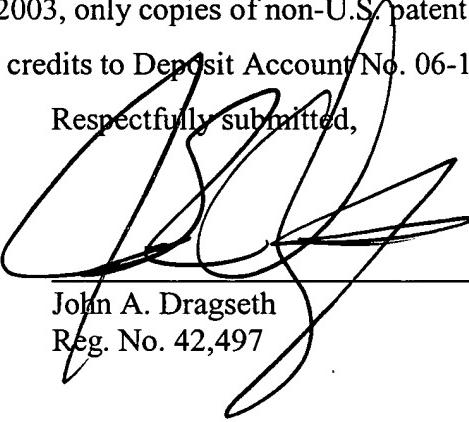
Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed before the receipt of a first Office action on the merits.

Since this application was filed after July 1, 2003, only copies of non-U.S. patent references are being provided. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 4-6-04

  
John A. Dragseth  
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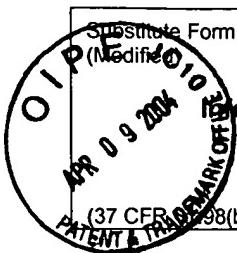
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Date of Deposit April 6, 2004

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Signature 

\_\_\_\_\_  
Lisa M. Becker  
Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
15826-192001Application No.  
10/679,962
**Information Disclosure Statement  
by Applicant**  
(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant  
Brian J. CapreraFiling Date  
October 6, 2003Group Art Unit  
3754**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,067,977	12/11/62	Anderson et al.			
	AB	3,394,915	07/30/68	Gachot			
	AC	3,488,033	01/06/70	Priese			
	AD	3,497,176	02/24/70	Priese			
	AE	3,834,663	09/10/74	Donnelly			
	AF	4,044,994	08/30/77	Priese			
	AG	4,111,393	09/05/78	McClurg et al.			
	AH	4,157,170	06/05/79	McClurg			
	AI	4,210,313	07/01/80	Chester			
	AJ	4,231,546	11/04/80	Eggleston et al.			
	AK	4,281,817	08/04/81	Adams et al.			
	AL	4,513,946	04/30/85	Priese			
	AM	4,557,461	12/10/85	Gomi et al.			
	AN	4,660,591	04/28/87	Brown et al.			
	AO	5,137,259	08/11/92	Stein			
	AP	5,904,337	05/18/99	VanKirk et al.			
	AQ	6,533,241	03/18/03	Chen			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	No
	AR							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AS	Masoneilan Catalog BN6004 showing 36004 Paramax Flanged Control Ball Valve with MN-7 Flexible PTFE Valve Seat (2 pages)
	AT	Fisher Controls VEE-Ball Rotary Control Valve instruction manual showing the PTFE Valve Seat "composition ball seal" (1 page)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	